

For the document titled:

LEED Reference Guide for Green Interior Design and Construction, 2009 Edition (first edition)

Note: This document contains addenda to the reference guide listed above and will be published on a quarterly basis beginning in April 2010. For more information, visit the USGBC website http://www.usgbc.org/addenda.

Page	Location	Credit	Credit Title	Issue	Post Date
n/a	n/a	n/a	n/a	Replace all instances of "[LEED] Registered Project Tools [website]" with "LEED Resources & Tools [website]"; the website (www.usgbc.org/projecttools) remains unchanged	1/8/2010
n/a	n/a	n/a	n/a	Replace all instances of "LEED-Online" with "LEED Online"	1/8/2010
i	Consensus-focused	n/a	n/a	In the fourth line of the second paragraph, replace the text "20036" with "20037" so it becomes "Washington, DC 20037"	4/14/2010
ii	DISCLAIMER	n/a	n/a	In the fourth line of the third paragraph, replace the text "20036" with "20037" so it becomes "Washington, DC 20037"	11/2/2009
xi∨	When to Use LEED for Commercial Interiors	n/a	n/a	In the first paragraph, remove the last sentence, "Tenants who lease their space or do not occupy the entire building are eligible." (removed, see item below)	11/2/2009
xiv	When to Use LEED for Commercial Interiors	n/a	n/a	Replace the section with the following text: LEED for Commercial Interiors is appropriate for interior spaces that are undergoing alteration work. Please see the Rating System Selection Policy, located in the LEED Resources and Tools section of www.usgbc.org/projecttools , for more information about choosing a rating system.	11/3/2010
xiv*	Minimum Program Requirements	n/a	n/a	Replace the last sentence of the first paragraph with "To view the MPRs and the MPR Supplemental Guidance, visit the LEED Resources and Tools section of www.usgbc.org/projecttools ."	11/3/2010
XV	First paragraph on the page (starts with "as nonmembers")	n/a	n/a	In the second line of the paragraph, replace "errata" with "addenda"	11/3/2010

Page	Location	Credit	Credit Title	Issue	Post Date
XV	Credit Interpretation Requests and Rulings	n/a	n/a	Replace the section with the following:	5/9/2011
	Trequests and Trainings			In some cases, a LEED project team may encounter challenges when interpreting the requirements of a Minimum Program Requirement (MPR), prerequisite or credit for their project because a specific issue, situation, or a conflict is not addressed by available materials. To address such issues, two processes have been established for each LEED rating system: Project Credit Interpretation Rulings (Project CIR) and LEED Interpretations. See the USGBC and GBCI websites for more information, at www.usgb.org and www.gbci.org. Project CIRs and LEED Interpretations must be submitted online. Provide a brief but clear description of the challenge encountered, refer to the MPR, prerequisite or credit information found in the rating system, reference guide, or supporting documentation and emphasize the intent of the MPR, prerequisite or credit. If possible, the project team should offer potential solutions to the problem or a proposed interpretation. All communications related to Project CIRs and LEED Interpretations will be in electronic format.	
xiv	Above Minimum Program Requirements section	n/a	n/a	Insert the following section: Multiple Buildings and On-Campus Projects The 2010 LEED Application Guide for Multiple Buildings and On-Campus Building Projects (available at www.usgbc.org/campusguidance) provides guidance on applying the LEED rating systems to multiple-building and on-campus projects that are on a shared site under the control of a single entity; for example, a corporate or educational campus or government installation. The 2010 LEED Application Guide for Multiple Buildings and On-Campus Building Projects provides guidance for the certification of projects under the Design and Construction and Interior Design and Construction rating systems as well as the LEED for Existing Buildings: Operations & Maintenance rating system. The guidance does not create a new rating system. Users may follow this guidance and apply it to existing rating system requirements for projects on a campus.	11/3/2010
xvi	Updates and Addenda	n/a	n/a	Make the text "Updates and Addenda" larger and bold so it becomes "Updates and Addenda"	1/8/2010

Page	Location	Credit	Credit Title	Issue	Post Date
xvi	Updates and Addenda	n/a	n/a	Remove the text of the second paragraph and replace with "Project teams are subject to Rating System addenda requirements based on registration date. It is strongly recommended that project teams adhere to the Reference Guide and Reference Guide addenda based on registration date. Rating System and Reference Guide addenda can be found on the USGBC's LEED Addenda website, www.usgbc.org/addenda . "	1/8/2010
xvi	IV. LEED-ONLINE DOCUMENTATION REQUIREMENTS	n/a	n/a	Below the section "Credit Substitution," add the following section: Units of Measurement Guidance In order to facilitate certification review by U.Sbased reviewers, it is necessary to submit pertinent aspects of review-related documentation in English and convert units to U.S. Standard (i.e. Imperial) units of measure, unless noted otherwise in the credit or prerequisite description. It is not necessary to translate every aspect of every construction document into English and imperial units, but only those necessary for evaluation of LEED criteria. The project team should be prepared to provide additional translation(s) if requested by the reviewer in their preliminary review comments.	11/3/2010
xvii	Construction Phase Review	n/a	n/a	Following this section, create a new section with the header "Design or Construction Phase Submittal" and insert the table in the supplemental document: https://www.usgbc.org/ShowFile.aspx?DocumentID=8587	12/2/2009
xix	VII. EXEMPLARY PERFORMANCE STRATEGIES	n/a	n/a	Following the first line in the Sustainable Sites section, insert the text "SS Credit 2 Development Density and Community Connectivity" as a new line	4/14/2010
XX	IX. TOOLS FOR REGISTERED PROJECTS	n/a	n/a	In the second line of the paragraph, replace "errata" with "addenda"	11/3/2010
XX	IX. TOOLS FOR REGISTERED PROJECTS	n/a	n/a	Make the first sentence of the second paragraph bold so it becomes "Declarant Definitions and Other Definitions."	11/3/2010

Page	Location	Credit	Credit Title	Issue	Post Date
xx	IX. TOOLS FOR REGISTERED PROJECTS	n/a	n/a	In the third paragraph of the, replace the text with the following: Licensed Professional Exemption. Licensed Professional Exemptions (LPEs) can be used by a project team's registered professional engineer, registered architect, registered interior designer, or registered landscape architect as a streamlined path for documenting certain credits, or bypassing otherwise-required submittals. License information and an Exemption Signature in LEED Online are required to document each exemption the project team wishes to claim. Licensed Professional Exemptions are noted in the corresponding credit documentation section of LEED Online.	11/2/2009
XX	X. HOW TO USE THIS REFERENCE GUIDE	n/a	n/a	In the fourth line of the paragraph, remove the text "case studies of buildings that have implemented these strategies successfully,"	1/8/2010
5*	PATH 2	SSc1	Site Selection	In the last line of the first paragraph, replace the "Đ" with "1/2" in the text so it becomes "predevelopment 1 1/2 year 24-hour rate"	12/2/2009
8	Environmental Issues	SSc1	Site Selection	Revise the second paragraph to say, "Certification of a building under any of the Building Design and Construction Rating Systems or Building Operations and Maintenance Rating Systems signifies that building owners have already taken significant steps to protect ecosystems and biodiversity, conserve valuable resources, and provide healthful indoor environments for building occupants."	8/1/2011
9	13. Definitions	SSc1	Site Selection	In alphabetical order, add the term "Building footprint is the area on a project site used by the building structure, defined by the perimeter of the building plan. Parking lots, parking garages, landscapes, and other nonbuilding facilities are not included in the building footprint."	8/1/2011
9	13. Definitions	SSc1	Site Selection	Remove the text "There are no definitions for this credit." and insert the following: Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space.	1/8/2010

10	4. Implementation	SSc1	Site Selection	At the end of the paragraph, add the following text:	11/3/2010
				Projects where asbestos is found and remediated may also earn this credit. Testing should be done in accordance with EPA Reg 40CFR part 763, when applicable.	
	7. Documentation Guidance	SSc1	Site Selection	Under the first bullet, add a second bullet with the following text:	11/3/2010
	Guidance			For projects where asbestos is found, prepare executive summary-level content from the investigation's report explaining the extent of the contamination and required action as well as documentation indicating an acceptable level of remediation was achieved based on an acceptable standard, such as RCRA or NESHAPs.	
11	12. Resources	SSc1	Site Selection	Under the word "Websites," add the following resources:	11/3/2010
				U.S. EPA. Asbestos	
				http://www.epa.gov/asbestos/index.html	
				This website provides information on the health effets of asbestos, where it is commonly found, and the laws and regulations governing testing of sites containing asbestos.	
15	Equation 2	SSc1	Site Selection	In the box, replace the numerator "Total Pervious Area (sf)" with "Total Impervious Area (sf)"	11/2/2009
15	8. Example	SSc1	Site Selection	In the eighth line of the paragraph, replace the text "47%" with "55%" so it becomes "an imperviousness of 55% and the"	11/2/2009
				(revised 7/19/2010, see below)	
15	8. Example	SSc1	Site Selection	In the eighth line of the paragraph, replace "50%" with "49%"	7/19/2010
15	Table 2	SSc1	Site Selection	In the sixth line "Total Area," replace "14,660" with "19,166"	7/19/2010
15	Table 2	SSc1	Site Selection	In the seventh line "Total Impervious Area," replace "8,100" with "9,001"	7/19/2010
	Table 2	SSc1	Site Selection	In the eighth line "Imperviousness," replace "55%" with "47%"	7/19/2010
	Table 3	SSc1	Site Selection	In the third line "Total Area," replace "14,660" with "19,166"	7/19/2010
16	10. Regional Variations	SSc1	Site Selection	In the second line of the paragraph, replace the text "1-year and 2-year" with "1 1/2 year" so it becomes "the 1 1/2 year 24-hour design storms"	12/2/2009
22	Table 1	SSc1	Site Selection	Replace SRI for "Typical new gray concrete" with 38	5/9/2011

Page	Location	Credit	Credit Title	Issue	Post Date
26	Sixth definition	SSc1	Site Selection	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
28	6. Calculations	SSc1	Site Selection	In item 2, add "skylights" to the list of things deducted from the roof area so that the sentence reads, "Determine the area of the roof covered by mechanical equipment, solar energy panels, skylights, and other appurtenances, and deduct these areas from the total roof surface area."	8/1/2011
29	9. Exemplary Performance	SSc1	Site Selection	Replace the term "photovoltaic panels" with "solar energy panels" and add "other appurtenances" to the list of things deducted from the roof area so that the sentence reads "Projects may earn an Innovation in Design (ID) credit for exemplary performance by demonstrating that 100% of the project's roof area (excluding any mechanical equipment, solar energy panels, skylights, and other appurtenances) consists of a vegetated roof system."	8/1/2011
30	13. Definitions	SSc1	Site Selection	In alphabetical order, add the term "An appurtenance is any built-in, nonstructural portion of a roof system, such as skylights, ventilators, mechanical equipment, partitions, and solar energy panels."	8/1/2011
31	13. Definitions	SSc1	Site Selection	In alphabetical order, add the term, "Roof area is the area of the uppermost surface of the building which covers enclosed Gross Floor Area, as measured when projected onto a flat, horizontal surface (i.e. as seen in Roof Plan view). 'Roofs', or portions of roofs, covering unenclosed areas (e.g. roofs over porches and open covered parking structures) are not included in the areas used to evaluate compliance with Path 5, though they may be applicable to Path 4."	8/1/2011
31	Third definition	SSc1	Site Selection	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
34	Definitions	SSc1	Site Selection	In alphabetical order, insert the term "emergency lighting" with the text "Emergency lighting as defined by the Illuminating Engineering Society of North America is lighting designed to supply illumination essential to the safety of life and property in the event of failure of the normal supply."	5/9/2011

4. Implementation	00-4			Post Date
·	SSc1	Site Selection	In the third line of the first paragraph, insert a "be" between the words "should" and "treated" so the text becomes "on-site wastewater should be treated"	11/2/2009
First definition	SSc1	Site Selection	Insert the term Tenant space in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
Calculating Occupancy	SSc1	Site Selection	In the third paragraph, remove the text "If Occupancy is not known, see Appendix 1, Default Occupancy Counts, for requirements and guidance."	12/2/2009
3. Summary of Referenced Standard	SSc1	Site Selection	Below the section title, replace the "ñ" of "ANSI/ASHRAE/IESNA 90.1ñ2007" with a dash so the text becomes "ANSI/ASHRAE/IESNA 90.1-2007"	11/2/2009
Technologies	SSc1	Site Selection	In the fifth line of the second paragraph, replace the word "note" with "not" so the text becomes "on-site but does not store"	11/2/2009
4. Implementation	SSc1	Site Selection	Remove the entire section's text and replace with:	11/2/2009
			(revised 2/24/2010, see below)	
	Calculating Occupancy 3. Summary of Referenced Standard Technologies 4. Implementation	Calculating Occupancy 3. Summary of Referenced Standard Technologies SSc1	Calculating Occupancy SSc1 Site Selection 3. Summary of Referenced Standard Technologies SSc1 Site Selection 4. Implementation SSc1 Site Selection	accompanying text "Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space." Calculating Occupancy SSc1 Site Selection In the third paragraph, remove the text "If Occupancy is not known, see Appendix 1, Default Occupancy Counts, for requirements and guidance." SSc1 Site Selection Below the section title, replace the "ñ" of "ANSI/ASHRAE/IESNA 90.1ñ2007" with a dash so the text becomes "ANSI/ASHRAE/IESNA 90.1-2007" Technologies SSc1 Site Selection In the fifth line of the second paragraph, replace the word "note" with "not" so the text becomes "on-site but does not store" 4. Implementation SSc1 Site Selection Remove the entire section's text and replace with: (revised 2/24/2010, see below)

(text relating to above issue)

Choose a base building that has achieved an environmental performance characteristic for at least 1 credit found in another LEED rating system, but not listed in Option2, Paths 1 through 11 or that has achieved an additional point for exemplary performance, as appropriate, in the credit listed in Option2, Paths 1 through 11. Innovation in Design credits that are not addressed by existing credits in other LEED rating systems will also be considered.

For projects attempting to earn a point for this path by achieving an environmental performance characteristic for at least 1 credit not listed in listed in Option2, Paths 1 through 11. The Eligibility Criteria that selected credits must meet include:

- applicability to the entire building or site;
- demonstration of an ongoing performance impact (environmental, health, etc.); and
- selection of credits that are unaddressed by the LEED for Green Interior Design and Construction, 2009 Edition and found in the applicable
- LEED 2009 Rating Systems, such as LEED for Green Building Design and Construction, 2009 Edition and LEED for Green Building
- Operations and Maintenance, 2009 Edition or that have overlapping strategies with credits found in the LEED-CI Rating System, but are qualified by the notes provided below to prevent double-counting.

Per the criteria listed above, specific guidance has been provided for select credits below:

Post Date

Table: Pre-approved credits for use with LEED-CI SSc1, Option 2, Path 12

Credit Title

Credit

LEED 2009 for New Construction Credits	Conditions for Use
SSc4.3: Alternative Transportation - Low-Emitting and Fuel Efficient Vehicles	No special conditions apply
EAp1: Fundamental Commissioning of Building	Eligible if project meets the following conditions:
Energy Systems	1. The project is located within a building that is less than 5 years old.
	2. The project scope (tenant scope) does not include HVAC&R systems as they are a part of
	the base building system.
	3. Project area is less than 50% of the total building area.
EAc3: Enhanced Commissioning	Eligible if project meets the following conditions:
	1. The project is located within a building that is less than 5 years old.
	2. The project scope (tenant scope) does not include HVAC&R systems as they are a part of
	the base building system.
	3. Project area is less than 50% of the total building area.
EAc4: Enhanced Refrigerant Management	No special conditions apply
EAc5: Measurement and Verification	Eligible if project meets the following conditions:
	1. The project scope (tenant scope) does not include HVAC&R systems as they are part of the
	base building system.
	2. Project area is less than 75% of the total building area.
	3. The tenant shares common spaces in the building, such as lobby, corridors, and restrooms.

Issue

LEED 2009 for Existing Buildings: Operations and Maintenance	Conditions for Use
Credits	
SSc2: Building Exterior and Hardscape Management Plan	No special conditions apply
SSc3: Integrated Pest Management, Erosion Control, and	No special conditions apply
Landscape Management Plan	
SSc5 Site Development – Protect or Restore Open Habitat	No special conditions apply
WEc4: Cooling Tower Water Management	No special conditions apply
EAp1: Energy Efficiency Best Management Practices – Planning,	Eligible if project meets the following conditions:
Documentation, and Opportunity Assessment	1. The project is located within a building that is 5 years or older.
	2. The project scope (tenant scope) does not include HVAC&R systems as
	they are a part of the base building system.
	3. Project area is less than 50% of the total building area.
EAc1: Optimize Energy Performance	No special conditions apply
EAc2.1: Existing Building Commissioning – Investigation and	Eligible if project meets the following conditions:
Analysis	1. The project is located within a building that is 5 years or older.
	2. The project scope (tenant scope) does not include HVAC&R systems as
	they are a part of the base building system.
	3. Project area is less than 50% of the total building area.
MRc4: Sustainable Purchasing - Reduced Mercury in Lamps	No special conditions apply

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Location

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	MRc5: Sustainable	Purchasing-	Food		No special conditions apply		
	MRc6: Solid Waste	Managemer	nt – Waste Stream		No special conditions apply		
	MRc7: Solid Waste	Managemer	nt – Ongoing Consumables		No special conditions apply		
	MRc8: Solid Waste	Managemer	nt –Durable Goods		No special conditions apply		
	IEQp3: Green Clea	ning Policy			No special conditions apply		
	IEQc1.1: Indoor Qu Quality Managemer		anagement Practices – Indoo	or Air	No special conditions apply		
	IEQc3.6: Green Cle	aning – Indo	or Integrated Pest Managem	nent	No special conditions apply		
			can be awarded if the specifi		4 Eligibility Criteria listed above. old is achieved.		
69*	OPTION 2	SSc2	Development Density and Community Connectivity		first line of the second paragraph, remove second comma after cts" so the text becomes "For mixed-use projects, no more than"	12/2/2009	
70	Economic Issues	SSc2	Development Density and Community Connectivity		sixth line of the paragraph, remove the "Đ" in the text so it nes "of physical activity both of"	11/2/2009	
74	Equation 2	SSc2	Development Density and Community Connectivity	Above 2"	the image of a sample area plan, replace "Figure 1" with "Figure	11/2/2009	
75	Table 3	SSc2	Development Density and Community Connectivity		fifteenth line of Table 3 with the text "Total Building Space," add a he end of the number "1,018,36" so it becomes "1,018,365"	11/2/2009	

9. Exemplary

Performance

SSc2

Development Density

and Community Connectivity

Replace the text with the following:

that have earned Option 1 under SS Credit 2:

the average density within the calculated area, OR

The following exemplary performance paths are available for projects

1. The project building itself must have a density at least double that of

2. The average density within an area twice as large as that for the base credit achievement must be at least 120,000 square feet per acre. To double the area, use equation 2 but double the project site area first.

4/14/2010

Page	Location	Credit	Credit Title	Issue	Post Date
75	11. Operations and Maintenance Considerations	SSc2	Development Density and Community Connectivity	In the first line of the paragraph, insert the word "poor" between "have" and "air" so the text becomes "Densely developed communities may have poor air quality"	11/2/2009
76	13. Definitions	SSc2	Development Density and Community Connectivity	Replace the definition of "Previously developed sites" with "Previously developed sites are those altered by paving, construction, and/or land use that would typically have required regulatory permitting to have been initiated (alterations may exist now or in the past). Previously developed land includes a platted lot on which a building was constructed if the lot is no more than 1 acre; previous development on lots larger than 1 acre is defined as the development footprint and land alterations associated with the footprint. Land that is not previously developed and altered landscapes resulting from current or historical clearing or filling, agricultural or forestry use, or preserved natural area use are considered undeveloped land. The date of previous development permit issuance constitutes the date of previous development, but permit issuance in itself does not constitute previous development."	11/1/2011
82	OPTION 1	SSc3.1	Alternative Transportation – Public Transportation Access	In the second line of the paragraph, remove the word "through" so the text becomes "personal automobile use by providing"	11/2/2009
82	OPTION 2	SSc3.1	Alternative Transportation – Public Transportation Access	In the third line of the paragraph, remove the apostrophe after the word "Policy" so the text becomes "Clean Air Policy has found"	11/2/2009
84	13. Definitions	SSc3.1	Alternative Transportation – Bicycle Storage and Changing Rooms	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
90	13. Definitions	SSc3.2	Alternative Transportation – Public Transportation Access	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
91*	Case 1, Option 1	SSc3.3	Alternative Transportation – Parking Availability	Add a superscript for footnote 1 to each occurrence of the term "preferred parking".	11/1/2011

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91*	Case 1, Option 1	SSc3.3	Alternative Transportation – Parking Availability	Add the following to footnote 1, "To establish a meaningful incentive in all potential markets, the parking rate must be discounted at least 20%. The discounted rate must be available to all eligible customers (i.e. not limited to the number of customers equal to 5% of the vehicle parking capacity), publicly posted at the entrance of the parking area, and available for a minimum of 2 years."	11/1/2011
93	Top of page	SSc3.3	Alternative Transportation – Parking Availability	Remove the text "Projects have met the credit requirements if they locate in a LEED-certified building that has also achieved this credit."	2/2/2011
95	13. Definitions	SSc3.3	Alternative Transportation – Parking Availability	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
99*	Intent	WEp1	Water Use Reduction	In the paragraph, replace the word "buildings" with "tenant space" so the text becomes "within the tenant space to reduce"	11/2/2009
99*	Requirements	WEp1	Water Use Reduction	In the first line of the first paragraph, replace the word "buildings" with "tenant space" so the text becomes "calculated for the tenant space (not"	11/2/2009
99*	Requirements	WEp1	Water Use Reduction	Replace the second paragraph with the following: Calculate the baseline according to the commercial and/or residential baselines outlined below.¹ Calculations are based on estimated occupant usage and must include only the following fixtures and fixture fittings located within the tenant space: water closets, urinals, lavatory faucets, showers, kitchen sink faucets and prerinse spray valves.²	7/19/2010
99*	Footnotes	WEp1	Water Use Reduction	Below footnote 1, insert the following: ² Projects where fixtures or fixture fittings are not within the tenant space are exempt from WE Prerequisite 1.	7/19/2010
101	Environmental Issues	WEp1	Water Use Reduction	Remove both instances of "potable" in the section	7/19/2010
102	4. Implementation	WEp1	Water Use Reduction	Replace the first, second, third, and fourth paragraphs with the following: (see below text)	7/19/2010

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	(text relating to above	issue)							
	The water use reduction credit calculation is based on occupancy. For example, when restrooms are not a part of the tenant space, it is important to evaluate the plumbing in common areas of the building that will be used to meet the needs of the occupants. If the base building does not have high-performance fixtures, the project team should encourage building owners to consider upgrades to existing fixtures as part of the lease negotiations in order to pursue additional water use savings and potential credit under WE Credit 1.								
	Effective ways to reduce potable water use include installing flow restrictors and reduced flow aerators on lavatory, sink, and shower fixtures; installing and maintaining metering faucets; installing high-efficiency fixtures such as high-efficiency water closets and urinals.								
	flow rate for tasks wher	e the volur	ne of water is predetermined	te. For example, in kitchen sinks, faucets are used to fill pots and buckets. Used does not save water and will likely cause user dissatisfaction and inefficiency not save user pot fillers and high-efficiency faucets or foot pedal—operations.	cies.				
	products exceed the refittings. A variety of Wa	quirements terSense la	of the Uniform Plumbing Co	s consumers identify water-efficient products and programs. WaterSense-labe ode and the International Plumbing Code standards for some high-efficiency igh-efficiency plumbing fixtures, fittings, and appliances can be installed in the Energy Star appliances.	fixtures or				
102	4. Implementation	WEp1	Water Use Reduction	Remove the paragraph beginning with, "Although water-efficient dishwashers"	5/9/2011				
102	4. Implementation	WEp1	Water Use Reduction	In the third line of the fifth paragraph, replace the text "WE Credit 3" with "WE Credit 1."	4/14/2010				
102	4. Implementation	WEp1	Water Use Reduction	In the first line of the sixth paragraph, replace "conservation" with "efficiency"	7/19/2010				
103	Table 1	WEp1	Water Use Reduction	In the fourth row of the table in the "EPA WaterSense Standards" column, replace "1.5 - 2.0^b" with "2.0^b"	7/19/2010				
103	Table 1	WEp1	Water Use Reduction	In the eighth row of the table in the "Fixture" column, remove the text "and janitor" so it becomes "Kitchen sink faucets"	11/2/2009				
103	Table 1	WEp1	Water Use Reduction	In footnote "b," replace "2.0 gmp" with "2.0 gpm"	7/19/2010				
105	Table 2	WEp1	Water Use Reduction	Replace the table with two tables in the supplemental document: https://www.usgbc.org/ShowFile.aspx?DocumentID=8590	11/2/2009 (updated 2/2/2011)				
105	Table 2a (see above)	WEp1	Water Use Reduction	In the sixth row ("Lavatory Faucet") row of the table in the 11/2/2009 addenda, replace the duration (sec) of 15 with 30	2/2/2011				

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105	Table 2a (see above)	WEp1	Water Use Reduction	In the sixth row ("Lavatory Faucet") row of the table in the 11/2/2009 addenda, replace the related note below table with "Default duration for the metering type / autocontrol faucet is 15 seconds for the baseline and 12 seconds for the design case."	5/9/2011
105	Design Case Water Consumption	WEp1	Water Use Reduction	In the second line of the first paragraph, remove "and subtracting any nonpotable water supply"	7/19/2010
106	Table 4	WEp1	Water Use Reduction	In the fifth row of the table in the column "Flow rate," replace "1.8gpm" with ""≤ 2.2 gpm"	7/19/2010
106	Table 4	WEp1	Water Use Reduction	In the seventh row of the table in the "Flow Fixture" column, replace "Low-flow shower" with "WaterSense shower"	7/19/2010
106	Table 4	WEp1	Water Use Reduction	In the seventh row of the table in the "Flow Rate" column, replace "1.8 gpm" with "≤ 2.0 gpm"	7/19/2010
106	Paragraph under Table 4	WEp1	Water Use Reduction	Replace the first sentence with "Private or private use applies to plumbing fixtures in residences, apartments, and dormitories, to private (non-public) bathrooms in transient lodging facilities (hotels and motels), and to private bathrooms in hospitals and nursing facilities."	7/19/2010
106	Eligible Fixtures	WEp1	Water Use Reduction	Replace the section text with the following: The "Kitchen sinks" category encompasses all sinks in public or private buildings that are used with patterns and purposes similar to a sink in a residential kitchen; break room sinks would be included. However professional grade / commercial faucets such as those used in a commercial kitchen would not be included. The "Public lavatory faucets" and "Private lavatory faucets" categories encompass all sinks used primarily for hand-washing regardless of location. Faucets whose usage patterns and flow rates are regulated for medical or industrial purposes (e.g. laboratory sinks) and do not fall under the definition of private or public use are not included. Faucets used exclusively for filling operations (e.g. pot-filler) can be excluded. All other fixtures and fixtures fittings must be included in the calculations unless there are special circumstances that justify excluding them.	2/2/2011
107	12. Resources	WEp1	Water Use Reduction	In alphabetical order, insert the following text: Alliance for Water Efficiency http://www.allianceforwaterefficiency.org/ The Alliance for Water Efficiency provides information and assistance on water conservation efforts.	7/19/2010

Page	Location	Credit	Credit Title	Issue	Post Date
107	12. Resources	WEp1	Water Use Reduction	Remove the following text:	7/19/2010
				Fine Homebuilding Choosing a Toilet	
				http://www.taunton.com/finehomebuilding/pages/h00042.asp	
				This article includes several varieties of water-efficient toilets.	
107	12. Resources	WEp1	Water Use Reduction	In the resource "Rocky Mountain Institute, Water," replace the text below the resource header with the following:	7/19/2010
				http://www.rmi.org/rmi/pid172 This portion of RMI's website is devoted to water resource efficiency.	
108	12. Resources	WEp1	Water Use Reduction	Remove the following text:	7/19/2010
				U.S. EPA, Water Use Efficiency Program http://www.epa.gov/owm/water-efficiency	
				This website provides an overview of EPA's Water Use Efficiency	
				Program and information about using water more efficiently.	
108	12. Resources	WEp1	Water Use Reduction	Replace the resource "Water Closet Performance Testing," with the following:	7/19/2010
				Water Studies	
				http://www.ebmud.com/resource-center/publications/studies	
				The site provides a variety of studies related to water.	
108	13. Definitions	WEp1	Water Use Reduction	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
111*	Intent	WEc1	Water Use Reduction	In the first line of the paragraph, replace the word "buildings" with "tenant space" so the text becomes "efficiency within tenant spaces to reduce"	11/2/2009
111*	Requirements	WEc1	Water Use Reduction	In the first line of the first paragraph, replace the word "building" with "tenant space" so the text becomes "for the tenant spaces (not"	11/2/2009

Page	Location	Credit	Credit Title	Issue	Post Date
111*	Requirements Fourth definition	WEc1	Water Use Reduction Fundamental	Replace the second paragraph beginning with "Calculate the baseline" with the following: Calculate the baseline according to the commercial and/or residential baselines outlined below.¹ Calculations are based on estimated occupant usage and must include only the following fixtures and fixture fittings necessary to meet the needs of the occupants including fixtures and fixture fittings that may be outside the tenant space: water closets, urinals, lavatory faucets, showers, kitchen sink faucets and pre-rinse spray valves. Below the term "Systems performance testing," insert the text "Tenant"	7/19/2010
100	r outin definition	LAPI	Commissioning of Building Energy Systems	space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	170/2010
137*	Requirements	EAp2	Minimum Energy Performance	In the first line of the second bulleted item, insert "or 5.6" after "5.5" so the text becomes "(Sections 5.5 or 5.6, 6.5, 7.5 and 9.5)"	4/14/2010
137*	Requirements	EAp2	Minimum Energy Performance	In the first line in the parenthesis, insert "or 9.6" after "9.5"	2/2/2011
137*	Requirements	EAp2	Minimum Energy Performance	In the second line of the fourth bulleted item, remove the superscript "2" after "equipment"	8/1/2011
140	First paragraph on page (begins with "10 (Table 1)"	EAp2	Minimum Energy Performance	Replace the fourth line of the paragraph with "such as those for historic buildings, 24-hour facilities, and equipment and portions of building systems that use energy primarily to provide for industrial, manufacturing, or commercial processes."	2/2/2011
141	Section 9. Lighting Requirements (ASHRAE 90.1-2007)	EAp2	Minimum Energy Performance	Update second sentence to say "If the scope of the lighting work will replace less than half of the existing fixtures with new ones and will use no additional power, no other alterations are necessary"	11/1/2011
145	13. Definitions	EAp2	Minimum Energy Performance	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
148	Economic Issues	EAp3	Fundamental Refrigerant Management	Remove the last two sentences of the section, beginning with, "If savings offset costs" to, "economically infeasible"	5/9/2011

Page	Location	Credit	Credit Title	Issue	Post Date
148	4. Implementation	EAp3	Fundamental Refrigerant Management	After the first sentence, add, "HCFCs are not part of this prerequisite."	5/9/2011
149	5. Timeline and Team	EAp3	Fundamental Refrigerant Management	Remove the second sentence, "If CFC-based refrigerants are located, the building owner should develop a phase-out plan and convert to less environmentally harmful refrigerants."	5/9/2011
150	11. Operations and Maintenance Considerations	EAp3	Fundamental Refrigerant Management	In the third line, remove the clause, "and provide them with a copy of any CFC phase-out plan"	5/9/2011
159	13. Definitions	EAc1.1	Optimize Energy Performance – Lighting Power	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
162	6. Calculations	EAc1.2	Optimize Energy Performance, Lighting Controls	At the end of the section's text, add the following as a new paragraph: "To calculate the percentage of daylight responsive controls as compared to the connected lighting load, supplemental task lighting may be excluded from the total connected lighting power (though if supplemental task lighting is controlled by daylight responsive controls, it must be included). However, to calculate the percentage of occupancy sensor controls as compared to the connected lighting load, task lighting that is required to be accounted for in the ASHRAE 90.1-2007 lighting power density calculations (that is, lighting that is not exempt per Section 9.2.2.3) must be included in the connected lighting load."	11/1/2011
167	OPTION 1	EAc1.3	Optimize Energy Performance – HVAC	Replace the second sentence in the first paragraph with the following text: Section 1.4 covers mechanical system design intended to closely match actual building loads and to meet ASHRAE 55; Section 2.9 covers Mechanical Equipment Efficiency Requirements; Section 3.10 covers Variable Frequency Drives.	11/3/2010
175	13. Definitions	EAc1.3	Optimize Energy Performance – HVAC	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010

Page	Location	Credit	Credit Title	Issue	Post Date
177*	Requirements	EAc1.4	Optimize Energy Performance – Equipment and Appliances	In the first line of the first paragraph, replace "qualified" with "eligible" so the text becomes "ENERGY STAR® eligible equipment"	4/14/2010
179	Text on top of page (begins with "the regulated")	EAc1.4	Optimize Energy Performance – Equipment and Appliances	In the first line, replace "Table 2" with "Table 3" and before the sentence insert "Table 2 lists values that represent average rated power figures for different office equipment types."	11/3/2010
180	Fourth paragraph	EAc1.4	Optimize Energy Performance – Equipment and Appliances	Replace the paragraph (which begins with "All appliances and equipment") with the following text: Only new appliances and equipment purchased as part of the scope of work for the project need to be included in the credit for EA Prerequisite 2 and EA Credit 1.4. Equipment and appliances must meet the ENERGY STAR criteria current at the time of purchase: • Any items that are purchased after the item's category has become ENERGY STAR eligible must meet the ENERGY STAR rating. • Any items already covered by the ENERGY STAR program that are purchased after new criteria have been issued must meet the new criteria. • Items purchased before the category is ENERGY STAR eligible do not need to meet the ENERGY STAR rating; similarly, items purchased before new criteria are issued do not need to meet the new criteria.	4/16/2010
186	Sixth definition	EAc2	Enhanced Commissioning	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
187*	CASE 1	EAc3	Measurement and Verification	Below the bulleted items, remove the following text: Develop and implement a measurement and verification (M&V) plan that incorporates the monitoring information from the above end uses and is consistent with Option B, C or D of the 2001 International Performance Measurement & Verification Protocol (IPMVP) Volume I: Concepts and Options for Determining Energy and Water Savings. Provide a process for corrective action if the results of the M&V plan indicate that energy savings are not being achieved.	1/8/2010

Page	Location	Credit	Credit Title	Issue	Post Date
195	13. Definitions	EAc3	Measurement and Verification	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
197*	OPTION 1	EAc4	Green Power	In the first line of the first paragraph, replace "building's" with "tenant's" so the text becomes "at least 50% of the tenant's electricity"	11/3/2010
199	4. Implementation	EAc4	Green Power	In item 3, remove the text "If Green-e-certified power cannot be purchased through a local utility"	5/9/2011
204	Third definition	EAc4	Green Power	Insert the term "Tenant space" in alphabetical order with the accompanying text "Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
209	Credit Timing	MR Overvie w	n/a	In the third line of the second paragraph, insert spaces between words so text becomes "influence on earning MR Credits 1.2: Building Reuse-Maintain 40% or 60% of Interior Nonstructural"	11/2/2009
209	Table 1	MR Overvie w	n/a	Throughout the table, replace all instances of "X" with "N/A"	12/2/2009
209	Overview, Table 1	MR	n/a	In the second row titled "Mechanical," replace all instances of "X ² " with "X ¹ " (revised 2/1/2010, see below)	11/2/2009
209	Table 1	MR Overvie w	n/a	(this is a correction to the above addenda issue) In the second row titled "Mechanical," replace all instances of "X2" with "X"	2/1/2010

Page	Location	Credit	Credit Title	Issue	Post Date
209	Table 1	MR Overvie w	n/a	Below the "Electrical" row, insert a new row titled "Plumbing" with an "X" in the following columns:	2/1/2010
				MRc1.2: Building Reuse	
				MRc3.1: Materials Reuse MRc3.2: Materials Reuse – Furniture	
				MRc4: Recycled Content	
				MRc5: Regional materials	
				MRc6: Rapidly Renewable Materials	
				"MRc2: Construction Waste Management" and "MRc7: Certified Wood" column notes apply to the "Plumbing" row	
210	Calculating Materials Costs to Achieve MR Credits	MR Overvie w	n/a	At the end of paragraph, add the text "In Table 1, an X signifies "Not Applicable.""	12/2/2009
216	13. Definitions	MRp1	Storage and Collection of Recyclables	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
220	13. Definitions	MRc1.1	Tenant Space – Long- Term Commitment	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
224	Table 1	MRc1.2	Building Reuse – Maintain Interior Nonstructural Components	In the last row of the table, replace "MR 1.2 but not MR 1.3" with "1 point but not 2" so the text becomes "40% < 53% < 60% earns 1 point but not 2"	2/1/2010
235	Reused Materials Found Off-Site	MRc3.1	Materials Reuse	In the fourth line of the second paragraph, replace "5" with "6" so the text becomes "consistent with MR Credits 4 and 6"	4/14/2010
241	6. Calculations	MRc3.2	Materials Reuse – Furniture and Furnishings	In the third line of the paragraph, remove "furniture, furnishings components" so the text becomes "Exclude artwork, interior plants, and musical instruments."	11/2/2009

Page	Location	Credit	Credit Title	Issue	Post Date
241	6. Calculations	MRc3.2	Materials Reuse – Furniture and Furnishings	Replace the last paragraph (beginning with "The replacement values") with the text "The replacement values used in MR Credit 3.2 are part of the total Division 12 material value, which is also used in the calculations for MR Credit 5. Materials qualifying as reused for MR Credit 3 cannot be applied to MR Credits 1,2,4,6, or 7."	4/14/2010
241	Equation 1	MRc3.2	Materials Reuse – Furniture and Furnishings	In the box, replace all instances of "(sf)" with "(\$)" so the text becomes "Replacement Value of Reused Furniture and Furnishings (\$) / Total Value of New and Reused Furniture and Furnishings (\$)"	11/2/2009
249	Exclusions	MRc4	Recycled Content	Replace the paragraph with the text "Excluded from the credit calculation is the salvaged and refurbished material value of reused materials as defined in MR Credit 3.1, Materials Reuse and MRc3.2, Materials reuse - Furniture and Furnishings."	4/14/2010
254	4. Implementation	MRc5	Regional Materials	Remove the first paragraph: The point of manufacture is considered the place if final assembly of components into the building product that is furnished and installed by tradesworkers. For example, if the hardware comes from Dallas, and lumber comes from Vancouver, and the joist is assembled in Kent, Washington, then the location of the final assembly is Kent, Washington.	7/19/2010
256	Table 2	MRc5	Regional Materials	Remove the eighth row of the table (begins with "Ceiling light fixtures")	11/3/2010
258	13. Definitions	MRc5	Regional Materials	Insert the term "extraction, harvest or recovery point" in alphabetical order with the accompanying text "Extraction, harvest or recovery point refers to the location of raw materials prior to manufacturing of the building material or product that is furnished and installed in the project building."	7/19/2010
259*	Requirements	MRc6	Rapidly Renewable Materials	In the third line of the paragraph, replace "plants" with "agricultural products"	8/1/2011
261	First paragraph	MRc6	Rapidly Renewable Materials	In the first line of the paragraph following "and Furnishings," insert the text "and building materials qualifying for MR Credit 3.1 - Materials Reuse" so that the paragraph reads "Reused furniture that qualifies for MR Credit 3.2, Materials Reuse - Furniture and Furnishings, and building materials qualifying for MR Credit 3.1 - Materials Reuse should be excluded from the credit calculations (numerator and denominator) for this credit."	4/14/2010

Page	Location	Credit	Credit Title	Issue	Post Date
262	6. Calculations	MRc6	Rapidly Renewable Materials	In the fifth line of the first paragraph, remove the text "2, Materials Reuse – Furniture and Furnishings." so the text becomes "that qualifies for MR Credit 3."	4/14/2010
263	Exclusions	MRc6	Rapidly Renewable Materials	In the second line of the paragraph following "qualifies for," insert the text "MRc3.1, Materials Reuse and" so the text becomes "Also exclude reused furniture that qualifies for MRc3.1, Materials Reuse and MR Credit 3.2…"	4/14/2010
268	Environmental Issues	MRc7	Certified wood	In fifth line of the paragraph, insert spaces between the words of the text so it becomes "perspective, the elements of responsible FSC-certified forestry include sustainable timber harvesting"	11/2/2009
270	Chain-of-Custody Requirements	MRc7	Certified wood	At the end of the first paragraph insert the following text: Entities that install an FSC-certified product on the project building/site (typically project contractors or subcontractors, but also furniture installers and the like), do not require CoC certification as long as they do not modify the product's packaging or form except as is required for installation. Contractors and sub-contractors that temporarily possess FSC-certified material prior to installation should be careful not mix or contaminate the FSC-certified material with non-FSC-certified material.	7/19/2010

Page	Location	Credit	Credit Title	Issue	Post Date
271	6. Calculations	MRc7	Certified wood	Replace the first paragraph with the following text: List all new wood products (not reclaimed, salvaged, or recycled) on the project and identify which components are FSC certified. The cost of all new wood products, both FSC certified and not, must be tallied. Develop a spreadsheet to calculate the amount of new wood and the amount of FSC certified wood permanently installed on the project. Wood products that are not FSC certified and those that are identified on invoices as FSC Pure and FSC Mixed Credit should be valued at 100% of the product cost unless the product is an assembly in which case only the new wood portion of the product counts for credit, see the guidance for assemblies in this credit. Wood products identified as FSC Mixed (NN)% should be valued at the indicated percentage of their cost. For example, a product identified as FSC Mixed 75% should be valued at 75% of the cost. Entities that install an FSC-certified product on the project building/site (typically project contractors or subcontractors, but also furniture installers and the like), do not require CoC certification as long as they do not modify the product's packaging or form except as is required for installation. Contractors and sub-contractors that temporarily possess FSC-certified material prior to installation should be careful not mix or contaminate the FSC-certified material with non-FSC-certified material.	7/19/2010
272	Assemblies	MRc7	Certified wood	*This is an update to addenda ID # 100000099 originally posted July 19, 2010* In the first sentence of the first paragraph replace, "such as windows and furniture systems that combine wood and nonwood materials" with "such as windows, doors, and some furniture that combine multiple material types, only the new wood portion can be applied toward the credit."	7/19/2010 (Updated 8/1/2011)
281*	Requirements	IEQp1	Minimum Air Quality Performance	Remove all section text and replace with: (see below text)	4/14/2010

Page	Location	Credit	Credit Title	Issue	Post Date					
	(text relating to above	/e issue)								
	Meet the minimum red without addenda ¹).	quirements o	of Section 4 through 7 of ASF	HRAE Standard 62.1-2007, Ventilation for Acceptable Indoor Air Quality (with	errata but					
	AND									
		CASE 1. Mechanically Ventilated Spaces lechanical ventilation systems must perform according to the ventilation rate procedure.								
	Modify or maintain exi Standard 62.1-2007 (v			ibution system to supply at least the outdoor air ventilation rate required by A	ASHRAE					
	and system constraint	ts that make quirements	it not possible, complete an of ASHRAE Standard 62.1-2	ASHRAE Standard 62.1-2007 (with errata but without addenda ¹) document engineering assessment of the system's maximum cubic feet per minute (cfi 007 (with errata but without addenda ¹), and achieve those levels, with a min	m) capability					
	CASE 2. Naturally Naturally ventilated but			dard 62.1-2007 Section 5.1 (with errata but without addenda1).						
283	4. Implementation	IEQp1	Minimum Air Quality Performance	In the second line of the third paragraph, replace "EA" with "IEQ" so the text becomes "compliance with IEQ Prerequisite 2"	11/2/2009					
284	Mechanically Ventilated Spaces	IEQp1	Minimum Indoor Air Quality Performance	In the third line of the first paragraph, replace the word "rocedure" with "procedure" so the text becomes "ventilation rate procedure is"	11/2/2009					
288	13. Definitions, Breathing zone	IEQp1	Minimum Indoor Air Quality Performance	Replace the text with "Breathing zone is the region within an occupied space between 3 and 6 feet above the floor. Note that this definition varies from that of ASHRAE 62.1-2007, which states that the breathing zone is between 3 inches and 6 feet from the floor, and 2 feet from the walls as well as fixed air conditioning equipment."	4/14/2010					
291*	Requirements	IEQp2	Environmental Tobacco Smoke (ETS) Control	Remove the heading "CASE 1. Non-Residential Projects"	4/14/2010					
291*	Requirements	IEQp2	Environmental Tobacco Smoke (ETS) Control	Below the "OPTION 2" heading, insert the heading "CASE 1. Non-Residential Projects"	4/14/2010					
291*	CASE 2	IEQp2	Environmental Tobacco Smoke (ETS) Control	At the end of the second line in the second paragraph, insert the footnote symbol "1" so the text becomes " hallway.1"	4/14/2010					

Page	Location	Credit	Credit Title	Issue	Post Date
292*	First paragraph	IEQp2	Environmental Tobacco Smoke (ETS) Control	In the third line of the paragraph, remove the text ", found at (http://www.energy.ca.gov/title24 1998 standards/residential acm/CHA PTER07.pdf)." so the text becomes "Approval Manual."	4/14/2010
292*	Bottom of page	IEQp2	Environmental Tobacco Smoke (ETS) Control	At the bottom of the page, insert the footnote text "1 If the common hallways are pressurized with respect to the residential units then doors in the residential units leading to the common hallways need not be weather-stripped provided that the positive differential pressure is demonstrated as in Option 2, Case 1 above, considering the residential unit as the smoking room.	4/14/2010
294	3. Summary of Referenced Standards	IEQp2	Environmental Tobacco Smoke (ETS) Control	Below the hyperlink of the second standard provided, insert the hyperlink http://www.energy.ca.gov/title24/2005standards/residential_acm/index.html	4/14/2010
296	13. Definitions	IEQp2	Environmental Tobacco Smoke (ETS) Control	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
297*	CASE 1	IEQc1	Outdoor Air Delivery Monitoring	Update the footnote references in the section so the text becomes the following: Monitor CO2 concentrations within all densely occupied spaces (those with a design occupant density of 25 people or more per 1,000 square feet). CO2 monitors must be between 3 and 6 feet above the floor.¹ Provide a direct outdoor airflow measurement device capable of measuring the minimum outdoor air intake flow with an accuracy of plus or minus 15% of the design minimum outdoor air rate, as defined by ASHRAE 62.1-2007 (with errata but without addenda²) for mechanical ventilation systems where 20% or more of the design supply airflow serves nondensely occupied spaces.	7/19/2010
297*	CASE 2	IEQc1	Outdoor Air Delivery Monitoring	At the end of the paragraph, remove the footnote "2"	7/19/2010

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297*	Footnotes	IEQc1	Outdoor Air Delivery Monitoring	Re-number the footnotes so they become the following: 1 CO2 monitoring is required in densely occupied spaces, in addition to outdoor air intake flow measurement. 2 Project teams wishing to use ASHRAE approved addenda for the purposes of this credit may do so at their discretion. Addenda must be	7/19/2010
				applied consistently across all LEED credits.	
297*	Footnote	IEQc1	Outdoor Air Delivery Monitoring	Remove Footnote, "CO2 monitoring is required in densely occupied spaces, in addition to outdoor air intake flow measurement."	5/9/2011
299	Outdoor Air Flow Monitoring	IEQc1	Outdoor Air Delivery Monitoring	Replace the last two sentences of the first paragraph with the following: To satisfy the requirements of this credit, the measurement device must be capable of measuring the minimum outdoor air intake flow with an accuracy of plus or minus 15% when the system is providing the design minimum outdoor air rate. When the measurement device generates a measurement of outdoor air intake flow that is more than 10% below the design outdoor air minimum values, the monitoring system should be configured to deliver a visible or audible alert to the system operator to indicate that operational adjustments may be necessary.	11/3/2010
300	CO2 Monitoring	IEQc1	Outdoor Air Delivery Monitoring	In first sentence of the first paragraph, remove extra period at end of sentence	11/2/2009
302	13. Definitions, Breathing zone	IEQc1	Outdoor Air Delivery Monitoring	Replace the text with " Breathing zone is the region within an occupied space between 3 and 6 feet above the floor. Note that this definition varies from that of ASHRAE 62.1-2007, which states that the breathing zone is between 3 inches and 6 feet from the floor, and 2 feet from the walls as well as fixed air conditioning equipment."	4/14/2010
303	Definitions	IEQc1	Outdoor Air Delivery Monitoring	Revise the definition for densely occupied spaces to be, "Densely occupied spaces are areas with a design occupant density of 25 people or more per 1,000 square feet (40 square feet or less per person)."	11/1/2011
303	Definitions	IEQc1	Outdoor Air Delivery Monitoring	In alphabetical order, add the following definition for non-densely occupied space , "Non-densely occupied spaces are areas with a design occupant density of less than 25 people per 1,000 square feet (40 square feet or more per person)."	11/1/2011
303	Definitions	IEQc1	Outdoor Air Delivery Monitoring	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011

Page	Location	Credit	Credit Title	Issue	Post Date
303	Definitions	IEQc1	Outdoor Air Delivery Monitoring	In alphabetical order, add the following definition for occupied spaces , "Occupied Spaces are defined as enclosed spaces that can accommodate human activities. Occupied spaces are further classified as regularly occupied or non-regularly occupied spaces based on the duration of the occupancy, individual or multi-occupant based on the quantity of occupants, and densely or non-densely occupied spaces based upon the concentration of occupants in the space."	11/1/2011
303	Fifth definition	IEQc1	Outdoor Air Delivery Monitoring	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
305*	CASE 2	IEQc2	Increased Ventilation	In the first paragraph, remove the text "Design natural ventilation systems for occupied spaces to meet the recommendations set forth in the Carbon Trust "Good Practice Guide 237" (1998)."	12/2/2009
305*	CASE 2	IEQc2	Increased Ventilation	In the fourth line of the paragraph, replace the text "1.18" with "2.8."	1/28/2010
305*	OPTION 1	IEQc2	Increased Ventilation	Remove the text in the paragraph and insert: Show that the natural ventilation systems design meets the recommendations set forth in the CIBSE manuals appropriate to the project space. PATH 1. CIBSE Applications Manual 10: 2005, Natural Ventilation in Non-domestic Buildings. PATH 2. CIBSE AM 13:2000, Mixed Mode Ventilation	12/2/2009
307	The Carbon Trust Good Practice Guide 237	IEQc2	Increased Ventilation	Remove the following text in the section: (see below text)	12/2/2009

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	(text relating to above issue)									
	 A Guide for Design <u>http://www.carbontrust</u> According to the Carbon serviced equivalents. One ventilated buildings. The carbon ventilated buildings. 	The Carbon Trust Good Practice Guide 237: Natural Ventilation in Non-Domestic Buildings — A Guide for Designers; Developers and Owners (1998) http://www.carbontrust.co.uk According to the Carbon Trust, "Carefully designed, naturally ventilated buildings can be cheaper to construct, maintain and operate than more heavily serviced equivalents. Occupants generally prefer windows that can be opened, and natural light, both of which are features of well designed, naturally ventilated buildings. The Guide summarizes the benefits of natural ventilation and considers the commercial implications, illustrating the issues by means of case studies."								
	www.carbontrust.co.ul	To obtain a copy, search for "GPG 237" on the Carbon Trust Energy website or go to www.carbontrust.co.uk/Publications/publicationdetail.htm?productid=GPG237&metaNoCache=1. (text relating to above issue)								
	The Carbon Trust Good Practice Guide 237: Natural Ventilation in Non-Domestic Buildings — A Guide for Designers; Developers and Owners (1998) http://www.carbontrust.co.uk According to the Carbon Trust, "Carefully designed, naturally ventilated buildings can be cheaper to construct, maintain and operate than more heavily serviced equivalents. Occupants generally prefer windows that can be opened, and natural light, both of which are features of well designed, naturally ventilated buildings. The Guide summarizes the benefits of natural ventilation and considers the commercial implications, illustrating the issues by means of case studies." To obtain a copy, search for "GPG 237" on the Carbon Trust Energy website or go to www.carbontrust.co.uk/Publications/publicationdetail.htm?productid=GPG237&metaNoCache=1.									
308	Mechanically Ventilated Spaces	IEQc2	Increased Ventilation	In the third line of the first paragraph, remove the comma before the end of the period at the end of sentence	11/2/2009					
308	Mechanically Ventilated Spaces	IEQc2	Increased Ventilation	In the third line of the first paragraph, insert the word "is" between "procedure" and "easier" so the text becomes "rate procedure is easier to"	11/2/2009					
309	Naturally Ventilated Spaces	IEQc2	Increased Ventilation	In the first line of the second paragraph, replace the word "hrough" with "through" so the text becomes "flow rates through each"	11/2/2009					
312	13. Definitions, Breathing zone	IEQc2	Increased Ventilation	Replace the text with "Breathing zone is the region within an occupied space between 3 and 6 feet above the floor. Note that this definition varies from that of ASHRAE 62.1-2007, which states that the breathing zone is between 3 inches and 6 feet from the floor, and 2 feet from the walls as well as fixed air conditioning equipment."	4/14/2010					

Page	Location	Credit	Credit Title	Issue	Post Date
317	4. Implementation	IEQc3.1	Construction Indoor Air Quality Management Plan – During Construction	In the third line of the paragraph, remove second period after "(e.g, collection bins" so the text becomes "(e.g., collection bins"	11/2/2009
321	Second definition	IEQc3.1	Construction Indoor Air Quality Management Plan – During Construction	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
323*	PATH 1	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In fourth line of the paragraph (third of the Rating System), change "600F" to "60°F" so the text becomes "temperature of at least 60°F and"	1/8/2010
323*	OPTION 2. Air Testing	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	 (1) In the first sentence of the paragraph, replace the text "and as additionally detailed in the LEED Reference Guide for Green Building Design and Construction, 2009 Edition" with "or the ISO method listed in the table below. Testing must be done in accordance with one standard; project teams may not mix requirements from the EPA Compendium of Methods with ISO" (2) In the table, insert two columns to the right (refer to supplementary guidance) (3) In the third bullet item, replace the second sentence (begins with "For each portion") with "The number of sampling locations must include the entire building and all representative situations." Supplementary Table: https://www.usgbc.org/ShowFile.aspx?DocumentID=9318 	5/9/2011
326	Figure 1	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	To the left side of graph, remove a zero from the number "60000" so it becomes "6000"	11/2/2009
327	Third paragraph	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In the second line, replace the word "tooccupy" with "to occupy" so the text becomes "preparing to occupy a space"	11/2/2009

Page	Location	Credit	Credit Title	Issue	Post Date
328	First paragraph	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In the fourth paragraph, add "and the ISO methods" after "The protocols described in the referenced publication, EPA's Compendium of Methods for the Determination of Air Pollutants in Indoor Air,"	5/9/2011
328	First paragraph	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In the fourth paragraph, add in after "the greatest presumed contaminant source strength", "Determine the number of ventilation systems serving the building. Then, determine if the individual floor plates served by each single ventilation system are larger or smaller than 25,000 square feet. If they are smaller, take at least one sample for every 25,000 square feet, or fraction thereof, served by a single ventilation system. If they are larger, take one sample per floor plate. For example, a 110,000 square foot building with ten 11,000 square foot floors, served by a single ventilation system, needs only five samples — one per 25,000 square feet (or fraction thereof) because each 11,000 foot floor plate is smaller than 25,000 square feet. However, a building with ten 30,000 square foot floors, also served by a single ventilation system, needs ten samples for the building because each 30,000 floor plate is larger than the 25,000 sq ft criterion." Delete, "For example" in the following sentence.	5/9/2011
328	First paragraph	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In the fourth paragraph, add in after "at normal daily start times and at the minimum outside airflow rate.", "For projects with standardized identical construction, such as classrooms in a school or multifamily residential units, identify which rooms are identical in construction, finishes, configuration, square footage, and HVAC systems. For these scenarios, project teams can sample the identical spaces by testing one in seven."	5/9/2011
330	13. Definitions	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
330	13. Definitions	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In alphabetical order, add the following definition for occupied spaces, "Occupied Spaces are defined as enclosed spaces that can accommodate human activities. Occupied spaces are further classified as regularly occupied or non-regularly occupied spaces based on the duration of the occupancy, individual or multi-occupant based on the quantity of occupants, and densely or non-densely occupied spaces based upon the concentration of occupants in the space."	11/1/2011
330	13. Definitions	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010

Page	Location	Credit	Credit Title	Issue	Post Date
331*	Requirements table	IEQc4.1	Low-Emitting Materials – Adhesives and Sealants	In the "Sealants" section, remove the items "Nonmembrane roof, 300" and "Single-ply roof membrane, 450"	11/3/2010
333	Table 1	IEQc4.1	Low-Emitting Materials – Adhesives and Sealants	In the "Sealants" section, remove the items "Nonmembrane roof, 300" and "Single-ply roof membrane, 450"	11/3/2010
333	Table 1	IEQc4.1	Low-Emitting Materials – Adhesives and Sealants	Below the table, insert the note: This table excludes adhesives and sealants integral to the water-proofing system or that are not building related.	11/3/2010
337*	Requirements	IEQc4.2	Low-Emitting Materials – Paints and Coatings	Replace the text of the third bullet with the following: Clear wood finishes, floor coatings, stains, primers, sealers, and shellacs applied to interior elements: must not exceed the VOC content limits established for those coating types in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, effective January 1, 2004.	7/19/2010
338	3. Summary of Referenced Standards, Green Seal Standard GS-11	IEQc4.2	Low-Emitting Materials – Paints and Coatings	Replace the hyperlink http://www.greenseal.org/certification/standards/paints and coatings.pdf with http://www.greenseal.org/certification/standards/paints_GS_11.pdf	4/14/2010
338	3. Summary of Referenced Standards, Green Seal Standard GS-11	IEQc4.2	Low-Emitting Materials – Paints and Coatings	In the fourth line of the paragraph, remove the text "Tables 1 and 2 summarize Green Seal Standard GS-11" (removed 4/14/2010)	11/2/2009
338	3. Summary of Referenced Standards, Green Seal Standard GS-03	IEQc4.2	Low-Emitting Materials – Paints and Coatings	Replace the paragraph and table with the text "The GC-03 VOC limits applicable for this credit are summarized in Table 1 . IEQc4.2 Applicable VOC Limits."	4/14/2010
338	3. Summary of Referenced Standards, South Coast Air Quality	IEQc4.2	Low-Emitting Materials – Paints and Coatings	At the end of the paragraph, insert the text "The SCAQMD Rule 1113 VOC limits applicable for this credit are summarized in Table 1 . IEQc4.2 Applicable VOC Limits."	4/14/2010
339	Table 1	IEQc4.2	Low-Emitting Materials – Paints and Coatings	Replace table with the following table in the supplemental document: https://www.usgbc.org/ShowFile.aspx?DocumentID=8592	4/14/2010 (revised 11/3/2010)
339	Table 1	IEQc4.2	Low-Emitting Materials - Paints and Coatings	For "Nonflat Coatings" in row nineteen, remove the value "150" from the "Current Limit" column and insert in the "1/1/03" column.	1/8/2010
				(removed 4/14/2010, see above)	

Page	Location	Credit	Credit Title	Issue	Post Date
340	Table 2	IEQc4.2	Low-Emitting Materials - Paints and Coatings	On the top row of the table in the second column, replace "Limit VOCs (g/L)" with "Limit VOCs (g/L) minus water."	1/8/2010
				(removed 11/3/2010, see below)	
340	Table 2	IEQc4.2	Low-Emitting Materials - Paints and Coatings	In the second column of the second row, replace the text "27 parts per billion" with "120"	1/8/2010
				(removed 11/3/2010, see below)	
340	Table 2	IEQc4.2	Low-Emitting Materials – Paints and Coatings	Remove Table 2. Standard VOC Limits	11/3/2010
341	13. Definitions	IEQc4.2	Low-Emitting Materials - Paints and Coatings	Insert the term "Sealer" in alphabetical order with the accompanying text "Sealers are coatings applied to either block materials from penetrating into or leaching out of a substrate, to prevent subsequent coatings from being absorbed by the substrate, or to prevent harm to subsequent coatings by materials in the substrate."	1/8/2010
343*	OPTION 1	IEQc4.3	Low-Emitting Materials – Flooring Systems	Replace the text of the fourth bulleted item with the following: All hard surface flooring must meet the requirements of the FloorScore ² standard (current as of the date of this rating system, or more stringent version) as shown with testing by an independent third-party. Mineral-based finish flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing requirements. However, associated site-applied adhesives, grouts, finishes and sealers must be compliant for a mineral-based or unfinished/untreated solid wood flooring system to qualify for credit.	4/14/2010
343*	OPTION 1	IEQc4.3	Low-Emitting Materials – Flooring Systems	Remove the fifth bulleted item	4/14/2010
343*	OPTION 2	IEQc4.3	Low-Emitting Materials – Flooring Systems	At the end of the paragraph, add the following text: Mineral-based finish flooring products such as tile, masonry, terrazzo, and cut stone without integral organic-based coatings and sealants and unfinished/untreated solid wood flooring qualify for credit without any IAQ testing requirements. However, associated site-applied adhesives, grouts, finishes and sealers must be compliant for a mineral-based or unfinished/untreated solid wood flooring system to qualify for credit.	4/14/2010

Page	Location	Credit	Credit Title	Issue	Post Date
353*	OPTION 2	IEQc4.5	Low-Emitting Materials – Systems Furniture and Seating	Remove the entire section: OPTION 2 Calculated indoor air concentrations that are less than or equal to those listed in Table 1 for furniture systems and seating determined by a procedure based on the EPA Environmental Technology Verification (ETV) Large Chamber Test Protocol for Measuring Emissions of VOCs and Aldehydes (September 1999) testing protocol conducted in an independent air quality testing laboratory. OR	7/19/2010
353*	OPTION 2	IEQc4.5	Low-Emitting Materials – Systems Furniture and Seating	Update "OPTION 3" to "OPTION 2"	7/19/2010
359*	Intent	IEQc5	Indoor Chemical and Pollutant Source Control	In first line of the paragraph insert a comma after "particulates" and in the second line remove the period after "pollutants" so the text becomes "hazardous particulates, biological contaminants and chemical pollutants that degrade"	1/8/2010
359*	Requirements	IEQc5	Indoor Chemical and Pollutant Source Control	Replace the text of the first bullet with the following: Employ permanent entryway systems at least 10 feet long in the primary direction of travel to capture dirt and particulates entering the building at regularly used exterior entryways. Acceptable entryway systems include permanently installed grates, grills and slotted systems that allow for cleaning underneath. Roll-out mats are acceptable only when maintained on a weekly basis by a contracted service organization.	7/19/2010

Page	Location	Credit	Credit Title	Issue	Post Date
359*	Requirements	IEQc5	Indoor Chemical and Pollutant Source Control	Replace the text of the third bullet with the following: In mechanically ventilated buildings, each ventilations system that supplies outdoor air shall comply with the following: Particle filters or air cleaning devices shall be provided to clean the outdoor air at any location prior to its introduction to occupied spaces. These filters or devices shall be rated a minimum efficiency reporting value (MERV) of 13 or better in accordance with ASHRAE Standard 52.2. Clean air filtration media shall be installed in all air systems after completion of construction and prior to occupancy.	7/19/2010
359*	Requirements	IEQc5	Indoor Chemical and Pollutant Source Control	Remove the fourth bullet item: Provide containment drains plumbed for appropriate disposal of hazardous liquid wastes in spaces where water and chemical concentrate mixing occurs for maintenance or laboratory purposes.	7/19/2010
360	Environmental Issues	IEQc5	Indoor Chemical and Pollutant Source Control	Replace the paragraph with the following: This credit recognizes projects that reduce or mitigate human contact with airborne chemicals and particles. Additional materials and energy may be required to provide entryway systems and isolate chemical-use areas.	7/19/2010
361	4. Implementation	IEQc5	Indoor Chemical and Pollutant Source Control	In the fourth line of the paragraph, remove the text "; in addition, the storage, mixing, and disposal of housekeeping liquids may adversely affect human health"	7/19/2010
361	Entryway Systems	IEQc5	Indoor Chemical and Pollutant Source Control	In the first paragraph, remove the last sentence "When local code does not require separate plumbing for the sink located within the segregated area for hazardous gasses or chemicals, the separate plumbing may be waived."	7/19/2010
361	Entryway Systems	IEQc5	Indoor Chemical and Pollutant Source Control	In the third and fourth paragraphs, replace both instances of "high-traffic" with "regularly used"	7/19/2010

Page	Location	Credit	Credit Title	Issue	Post Date
362	Hazardous Chemical Areas	IEQc5	Indoor Chemical and Pollutant Source Control	Remove the sixth and seventh paragraphs: Rooms where chemicals are mixed and disposed should be isolated and	7/19/2010
				include sinks and/or drains in appropriate locations to ensure these chemicals are properly disposed of and not dumped into inadequate spaces (e.g., restrooms); local codes requiring separate drain lines are	
				to be followed.	
				Special consideration should be given to the design and installation of containment drains to ensure that hazardous waste is properly disposed and to prevent environmental damage or contamination of water systems.	
363	5. Timeline and Team	IEQc5	Indoor Chemical and Pollutant Source Control	In the fifth line of the second paragraph, remove the text "and drainage piping"	7/19/2010
363	5. Timeline and Team	IEQc5	Indoor Chemical and Pollutant Source Control	In the second line of the third paragraph, remove the text "and separate drainage piping into the drawings and specifications"	7/19/2010
365	13. Definitions	IEQc5	Indoor Chemical and Pollutant Source Control	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
368	4. Implementation	IEQc6.1	Controllability of Systems – Lighting	In the second line of the first paragraph, replace the word "forspecific" with "for specific" so the text becomes "consideration for specific tasks"	11/2/2009
372	13. Definitions	IEQc6.1	Controllability of Systems – Lighting	Revise the definition for individual occupant spaces to be, "In individual occupant spaces, occupants perform distinct tasks from one another. Such spaces may be contained within multi-occupant spaces and should be treated separately where possible. Individual occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
372	13. Definitions	IEQc6.1	Controllability of Systems – Lighting	In alphabetical order, add the following definition for multi-occupant spaces, "Multi-Occupant Spaces are places of egress, congregation, or where occupants pursue overlapping or collaborative tasks. Multi occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011

Page	Location	Credit	Credit Title	Issue	Post Date
372	13. Definitions	IEQc6.1	Controllability of Systems – Lighting	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
375	4. Implementation	IEQc6.2	Controllability of Systems – Thermal Comfort	Add the following paragraph after the second paragraph: Individual comfort plug-in devices are acceptable for meeting the intent of this credit provided they are included in EA Prerequisite 2: Minimum Energy Performance and the proposed design model but not in the baseline model for EA Credit 1.3: Optimize Energy Performance, and EA Credit 1.4: Optimize Energy PerformanceEquipment and Appliances as appropriate.	2/2/2011
378	Definitions	IEQc6.2	Controllability of Systems - Thermal Comfort	Revise the definition for individual occupant spaces to be, "In individual occupant spaces, occupants perform distinct tasks from one another. Such spaces may be contained within multi-occupant spaces and should be treated separately where possible. Individual occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
378	Definitions	IEQc6.2	Controllability of Systems - Thermal Comfort	In alphabetical order, add the following definition for multi-occupant spaces, "Multi-Occupant Spaces are places of egress, congregation, or where occupants pursue overlapping or collaborative tasks. Multi occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
385	Definitions	IEQc7.1	Thermal Comfort - Design	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
389	4. Implementation	IEQc7.2	Thermal Comfort - Verification	Remove the fifth paragraph of the section: Even though this credit does not require a monitoring system in addition to occupant surveying to verify the thermal comfort conditions, it might be beneficial for the owner and design teams to employ both options in their operations and maintenance plan, especially for determining options for corrective action.	7/19/2010
392	Definitions	IEQc7.2	Thermal Comfort - Verification	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011

Page	Location	Credit	Credit Title	Issue	Post Date
392	Sixth definition	IEQc7.2	Thermal Comfort - Verification	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
Entir e secti on	All	IEQc8.1	Daylight and Views – Daylight	Replace section with that of the supplementary document: https://www.usgbc.org/ShowFile.aspx?DocumentID=9377	5/9/2011
406	Definitions	IEQc8.1	Daylight and Views – Daylight	In alphabetical order, add the following definition for non-regularly occupied space , "Non-regularly occupied spaces are spaces that occupants pass through, or spaces used in pursuit of focused activities for less than one hour per person per day (on average)."	11/1/2011
406	Definitions	IEQc8.1	Daylight and Views – Daylight	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
406	Definitions	IEQc8.1	Daylight and Views – Daylight	Revise the definition for regularly occupied spaces to be, "Regularly occupied spaces are areas where one or more individuals normally spend time (more than one hour per person per day on average) seated or standing as they work, study, or perform other focused activities inside a building."	11/1/2011
406	13. Definitions	IEQc8.1	Daylight and Views – Daylight	Insert the term "Bay" in alphabetical order with the accompanying text "A bay is a component of a standard, rectilinear building design. It is the open area defined by a building element such as columns or a window. Typically, there are multiple identical bays in succession."	12/2/2009
406	13. Definitions	IEQc8.1	Daylight and Views - Daylight	Insert the term "Tenant space" in alphabetical order with the accompanying text "Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
409	6. Calculations	IEQc8.2	Daylight and Views – Views for Seated Spaces	In the first paragraph, replace the text "Movable furniture and partitions are included in the scope of this credit calculation. See Figure 2." with "Movable furniture and partitions are not included in the scope of this credit calculation. See Figure 2. Movable furniture and partitions are those that can moved to provide access to the view by the user without the need for tools or assistance from special trades and facilities management."	5/9/2011

Page	Location	Credit	Credit Title	Issue	Post Date
411	Figure 4	IEQc8.2	Daylight and Views – Views for Seated Spaces	Change figure title to "Figure 4. Unobstructed View through Window over Low Partition."	5/9/2011
413	13. Definitions	IEQc8.2	Daylight and Views – Views for Seated Spaces	After the definition for glare, add "Movable furniture and partitions are those that can be moved to provide access to the view by the user without the need for tools or assistance from special trades and facilities management."	5/9/2011
413	13. Definitions	IEQc8.2	Daylight and Views – Views for Seated Spaces	In alphabetical order, add the following definition for non-regularly occupied space , "Non-regularly occupied spaces are spaces that occupants pass through, or spaces used in pursuit of focused activities for less than one hour per person per day (on average)."	11/1/2011
413	13. Definitions	IEQc8.2	Daylight and Views – Views for Seated Spaces	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
413	13. Definitions	IEQc8.2	Daylight and Views – Views for Seated Spaces	Revise the definition for regularly occupied spaces to be, "Regularly occupied spaces are areas where one or more individuals normally spend time (more than one hour per person per day on average) seated or standing as they work, study, or perform other focused activities inside a building."	11/1/2011
413	13. Definitions	IEQc8.2	Daylight and Views – Views for Seated Spaces	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
414	Footnote 15	IEQp2	Environmental Tobacco Smoke (ETS) Control	In the footnote that references Figure 2 on page 295 of IEQp2, at the end the text add the following: "This information is subject to change based on the ongoing indoor smoking legislation of each state."	11/2/2009
417*	Requirements	IDc1	Innovation in Design	Below the text of the "PATH 2" section text, insert the following section: Path 3. Pilot Credit (1 point) Attempt a pilot credit available in the Pilot Credit Library at www.usgbc.org/pilotcreditlibrary. Register as a pilot credit participant and complete the required documentation. Projects may pursue more than 1 pilot credit; however, a maximum of 1 point will be awarded.	4/14/2010 (updated 2/2/2011)
417*	Requirements	IDc1	Innovation in Design	In the header, change "(1 point)" to "(1 – 5 Points)"	2/2/2011
417*	Requirements	IDc1	Innovation in Design	Replace the last sentence of the paragraph with "Projects may pursue up to 5 Pilot Credits total."	2/2/2011

Page	Location	Credit	Credit Title	Issue	Post Date
427*	Requirements	RPc1	Regional Priority	In the second paragraph, replace the last sentence with "The USGBC has prioritized credits for projects located in the U.S., Puerto Rico, the U.S. Virgin Islands, and Guam. All other international projects should check the database for eligible Regional Priority credits."	11/3/2010
429	Glossary	n/a	n/a	In alphabetical order, add the term "An appurtenance is any built-in, nonstructural portion of a roof system, such as skylights, ventilators, mechanical equipment, partitions, and solar energy panels."	8/1/2011
430	Glossary	n/a	n/a	Insert the term "Bay" in alphabetical order with the accompanying text "A bay is a component of a standard, rectilinear building design. It is the open area defined by a building element such as columns or a window. Typically, there are multiple identical bays in succession."	12/2/2009
430	Glossary, Breathing zone	n/a	n/a	Replace the text with "Breathing zone is the region within an occupied space between 3 and 6 feet above the floor. Note that this definition varies from that of ASHRAE 62.1-2007, which states that the breathing zone is between 3 inches and 6 feet from the floor, and 2 feet from the walls as well as fixed air conditioning equipment."	4/14/2010
431	Glossary, Building footprint	n/a	n/a	Revise the text for "Building footprint" to "Building footprint is the area on a project site used by the building structure, defined by the perimeter of the building plan. Parking lots, parking garages, landscapes, and other nonbuilding facilities are not included in the building footprint."	8/1/2011
433	Glossary	n/a	n/a	Revise the definition for densely occupied spaces to be, "Densely occupied spaces are areas with a design occupant density of 25 people or more per 1,000 square feet (40 square feet or less per person)."	11/1/2011
435	Glossary	n/a	n/a	In alphabetical order, insert the term "emergency lighting" with the text "Emergency lighting as defined by the Illuminating Engineering Society of North America is lighting designed to supply illumination essential to the safety of life and property in the event of failure of the normal supply."	5/9/2011
435	Glossary	n/a	n/a	Insert the term "extraction, harvest or recovery point" in alphabetical order with the accompanying text "Extraction, harvest or recovery point refers to the location of raw materials prior to manufacturing of the building material or product that is furnished and installed in the project building."	7/19/2010
437	Glossary, Green cleaning	n/a	n/a	Replace the term description of "Green cleaning" with new text so it becomes "Green cleaning is the use of cleaning products and practices that have lower environmental impacts and more positive indoor air quality impacts than conventional products and practices."	11/2/2009

Page	Location	Credit	Credit Title	Issue	Post Date
437	Glossary	n/a	n/a	In alphabetical order, add the term "Gross floor area (based on ASHRAE definition) is the sum of the floor areas of the spaces within the building, including basements, mezzanine and intermediate-floored tiers, and penthouses with headroom height of 7.5 ft (2.2 meters) or greater. Measurements must be taken from the exterior 39 faces of exterior walls OR from the centerline of walls separating buildings, OR (for LEED CI certifying spaces) from the centerline of walls separating spaces. Excludes non-enclosed (or non-enclosable) roofed-over areas such as exterior covered walkways, porches, terraces or steps, roof overhangs, and similar features. Excludes air shafts, pipe trenches, and chimneys. Excludes floor area dedicated to the parking and circulation of motor vehicles. (Note that while excluded features may not be part of the gross floor area, and therefore technically not a part of the LEED project building, they may still be required to be a part of the overall LEED project and subject to MPRs, prerequisites, and credits.)	8/1/2011
437	Glossary	n/a	n/a	Insert the term "Hospitality industry" in alphabetical order with the accompanying text "The hospitality industry consists of companies within the food services, accommodations, recreation, and entertainment sectors"	12/2/2009
438	Glossary	n/a	n/a	Revise the definition for individual occupant spaces to be, "In individual occupant spaces, occupants perform distinct tasks from one another. Such spaces may be contained within multi-occupant spaces and should be treated separately where possible. Individual occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
440	Glossary	n/a	n/a	In alphabetical order, insert the term "movable furniture and partitions" with the text "Movable furniture and partitions are those that can be moved to provide access to the view by the user without the need for tools or assistance from special trades and facilities management."	5/9/2011
441	Glossary	n/a	n/a	Replace the definition for group multioccupant spaces with the following definition for multi-occupant space , "Multi occupant spaces are places of egress, congregation, or where occupants pursue overlapping or collaborative tasks. Multi occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
441	Glossary	n/a	n/a	In alphabetical order, add the following definition for non-densely occupied space, "Non-densely occupied spaces are areas with a design occupant density of less than 25 people per 1,000 square feet (40 square feet or more per person)."	11/1/2011
441	Glossary	n/a	n/a	In alphabetical order, add the following definition for non-regularly occupied space, "Non-regularly occupied spaces are spaces that occupants pass through, or spaces used in pursuit of focused activities for less than one hour per person per day (on average)."	11/1/2011

Page	Location	Credit	Credit Title	Issue	Post Date
441	Glossary	n/a	n/a	Revise the definition for nonoccupied spaces to be, "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
441	Glossary	n/a	n/a	In alphabetical order, add the following definition for occupied spaces , "Occupied spaces are defined as enclosed spaces that can accommodate human activities. Occupied spaces are further classified as regularly occupied or non-regularly occupied spaces based on the duration of the occupancy, individual or multi-occupant based on the quantity of occupants, and densely or non-densely occupied spaces based upon the concentration of occupants in the space."	11/1/2011
443- 444	Glossary	n/a	n/a	In alphabetical order, insert the terms: Private or private use applies to plumbing fixtures in residences, apartments, and dormitories, to private (non-public) bathrooms in transient lodging facilities (hotels and motels), and to private bathrooms in hospitals and nursing facilities. Public or public use applies to all buildings, structures, or uses that are not defined as private or private use.	12/2/2009
443	Glossary	n/a	n/a	Replace the definition of "Previously developed sites" with "Previously developed sites are those altered by paving, construction, and/or land use that would typically have required regulatory permitting to have been initiated (alterations may exist now or in the past). Previously developed land includes a platted lot on which a building was constructed if the lot is no more than 1 acre; previous development on lots larger than 1 acre is defined as the development footprint and land alterations associated with the footprint. Land that is not previously developed and altered landscapes resulting from current or historical clearing or filling, agricultural or forestry use, or preserved natural area use are considered undeveloped land. The date of previous development permit issuance constitutes the date of previous development, but permit issuance in itself does not constitute previous development."	11/1/2011
445	Glossary	n/a	n/a	Revise the definition for regularly occupied spaces to be, "Regularly occupied spaces are areas where one or more individuals normally spend time (more than one hour per person per day on average) seated or standing as they work, study, or perform other focused activities inside a building."	11/1/2011

Page	Location	Credit	Credit Title	Issue	Post Date
446	Glossary	n/a	n/a	In alphabetical order, add the term, "Roof area is the area of the uppermost surface of the building which covers enclosed Gross Floor Area, as measured when projected onto a flat, horizontal surface (i.e. as seen in Roof Plan view). 'Roofs', or portions of roofs, covering unenclosed areas (e.g. roofs over porches and open covered parking structures) are not included in the areas used to evaluate compliance with Path 5, though they may be applicable to Path 4."	8/1/2011
446	Glossary	n/a	n/a	Insert the term "Sealers" in alphabetical order with the accompanying text " Sealers are coatings applied to either block materials from penetrating into or leaching out of a substrate, to prevent subsequent coatings from being absorbed by the substrate, or to prevent harm to subsequent coatings by materials in the substrate."	1/8/2010
448	Glossary	n/a	n/a	Insert the term "Tenant space" in alphabetical order with the accompanying text " Tenant space is the area within the LEED project boundary. For more information on what can and must be in the LEED project boundary see the Minimum Program Requirements (MPRs) and LEED 2009 MPR Supplemental Guidance. Note: tenant space is the same as project space."	1/8/2010
449	Glossary, Waste disposal	n/a	n/a	In the term description, remove the phrase "dumping at sea"	11/2/2009

^{*}Shaded rows denote rating system and reference guide changes. The purpose of these rating system changes within the rating system portions of the *LEED Reference Guide for Green Interior Design and Construction* is to align with the Rating System at http://www.usgbc.org/ShowFile.aspx?DocumentID=5543.

Note: The online version of the rating system takes precedent over the rating system portions of the LEED Reference Guides in project guidance and application; project teams are required to adhere to the rating system and rating system addenda effective at the time of the project's registration date.